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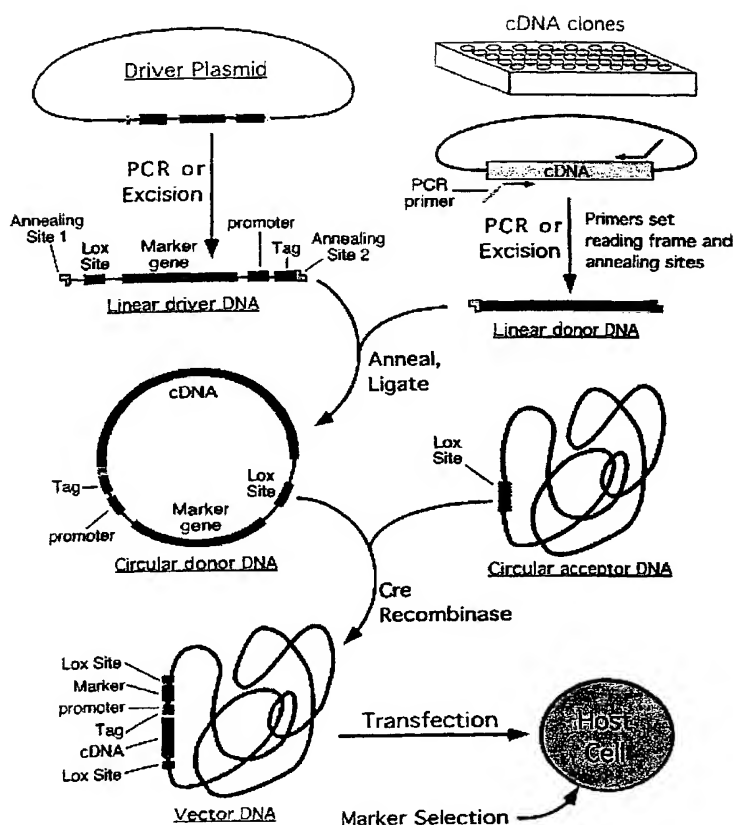
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(54) Title: COMPOSITIONS AND METHODS FOR GENERATING EXPRESSION VECTORS THROUGH SITE-SPECIFIC RECOMBINATION



(57) Abstract: Compositions, kits, and methods are provided for use in a recombinational cloning or subcloning methods for constructing expression vectors which comprise: ligating a library of double-stranded linear donor DNAs, where each member of the library includes a donor DNA sequence, with a double-stranded linear driver DNA which includes a promoter sequence and a donor recombination site to form a single circular donor DNA, the single circular donor DNA not including an origin of replication, where the donor DNA sequence is under the transcriptional control of the promoter; and contacting the circular donor DNA and a circular acceptor vector in the presence of a recombinase to form a single fused circular vector, the circular acceptor vector comprising an origin of replication and an acceptor recombination site capable of recombining with the circular donor DNA.



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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

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## B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, CAB Data, SEQUENCE SEARCH, BIOSIS, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99 21977 A (LIFE TECHNOLOGIES INC) 6 May 1999 (1999-05-06) the whole document ---	
A	WO 96 40724 A (LIFE TECHNOLOGIES INC ;HARTLEY JAMES L (US); BRASCH MICHAEL A (US)) 19 December 1996 (1996-12-19) the whole document ---	
A	WO 00 12687 A (MC CONNELL GINA C ;MARCIL ROBERT (US); MILES DAVID J (US); TURNER) 9 March 2000 (2000-03-09) the whole document ---	
A	WO 00 29000 A (LIFE TECHNOLOGIES INC) 25 May 2000 (2000-05-25) the whole document --- -/--	



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Patent family members are listed in annex.

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